

FIGURE 1

ATGGATTTCGGACTGGCCCTCTGCTGGCGGGGCTTCTGGGGTCTCTCTCGGCCAGTCCCTCCAGGTGAAGCCCTTCA 80
M D F G L A L L L A G L L G L L L G Q S L Q V K P L Q
GGTGGAGCCCCCGGAGCCGGTGGTGGCCGTGGCCTTGGGCGCCTCGCGCCAGCTCACCTGCCGCCTGGCCTGCGCGGACC 160
V E P P E P V V A V A L G A S R Q L T C R L A C A D
GCGGGGCTCGGTGCAGTGGCGGGGCTGGACACCAGCCTGGGCGCGGTGCAGTCGGACACGGGCCGAGCGTCTCTACC 240
R G A S V Q W R G L D T S L G A V Q S D T G R S V L T
GTGCGCAACGCCTCGCTGTGCGGGCGGCCGGACCCGCGTGTGCGTGGGCTCCTGCGGGGGCCGACCTTCCAGCACACCGT 320
V R N A S L S A A G T R V C V G S C G G R T F Q H T V
GCAGCTCCTTGTGTACGCCTTCCCGGACCAGCTGACCGTCTCCCCAGCAGCCCTGGTGCCTGGTGACCCGGAGGTGGCCT 400
Q L L V Y A F P D Q L T V S P A A L V P G D P E V A
GTACGGCCCAAAAGTCACGCCCGTGGACCCCAACGCGCTCTCCTTCTCCCTGCTCGTGGGGGCCAGGAACTGGAGGGG 480
C T A H K V T P V D P N A L S F S L L V G G Q E L E G
GCGCAAGCCCTGGGCCCCGAGGTGCAGGAGGAGGAGGAGGAGGCCCGGGGGACGAGGACGTGCTGTTCAAGGTGACAGA 560
A C A L G P E V Q E E E E E P Q G D E D V L F R V T E
GCGCTGGCGGCTCGCGCCCTGGGGACCCCTGTCCCGCCCGCCCTCTACTGCCAGGCCACGATGAGGCTGCCTGGCTTGG 640
R W R L P P L G T P V P P A L Y C Q A T M R L P G L
AGCTCAGCCACCGCCAGGCCATCCCGTCTCTGCACAGCCCGACCTCCCGGAGCCTCCCGACACCACCTCCCGGGAGTCT 720
E L S H R Q A I P V L H S P T S P E P P D T T S P E S
CCCGACACCACCTCCCGGAGTCTCCCGACACCACCTCCCGAGGAGCCTCCCGACACCACCTCCCGGAGCCTCCCGACAA 800
P D T T S P E S P D T T S Q E P P D T T S P E P P D K
GACCTCCCGGAGCCCGCCCCCAGCAGGGCTCCACACACCCCCAGGAGCCAGGCTCCACCAGGACTCGCCGCCCTG 880
T S P E P A P Q O G S T H T P R S P G S T R T R R P
AGATCTCCCGAGGCTGGGCCCACGCAGGGAGAAGTGATCCCAACAGGCTCGTCCAAACCTGCGGGTGACCAGCTGCCCGCG 960
E I S Q A G P T Q G E V I P T G S S K P A G D Q L P A
GCTCTGTGGACAGCAGTGGCGGTGCTGGGACTGCTGCTCCTGGCCTTGGCCACCTATCACCTCTGGAACGCTGCCGGCA 1040
A L W T S S A V L G L L L L A L P T Y H L W K R C R H
CCTGCGTGAGGACGACACCCACCCACAGCTTCTCTGAGGCTTCTGCCCCAGGTGTGGCCTGGGCTGGGTTAAGGGGGA 1120
L A E D D T H P P A S L R L L P Q V S A W A G L R G
CGGSCAGGTGGGATCAGCCCCCTCTGAGTGGCCAGCCTTTCCCCCTGTGAAAGCAAAATAGCTTGGACCCCTTCAAGT 1200
T G Q V G I S P S
TGAGAACTGGTCAGGGCAAACCTGCCTCCCATTTCTACTCAAAGTCATCCCTCTGTTACAGAGATGGATGCATGTTCTGA 1280
TTGCCTCTTTGGAGAAGCTCATCAGAACTCAAAGAAGGCCACTGTTTGTCTCACCTACCCATGACCTGAAGCCCCCTCC 1360
CTGAGTGGTCCCCACCTTTCTGGACGGAACCACGTACTTTTTACATACATTGATTCATGTCTCACGTCTCCCTAAAAATG 1440
CGTAAGACCAAGCTGTGCCCTGACCACCTGGGCCCTGTGCTCAGGACCTCCTGAGGCTTTGGCAAATAAACCTCCTAA 1520
AATGAAAAAAAAAAAAAAAAA 1539

FIGURE 2

[illegible]

4/20

Figure 4a

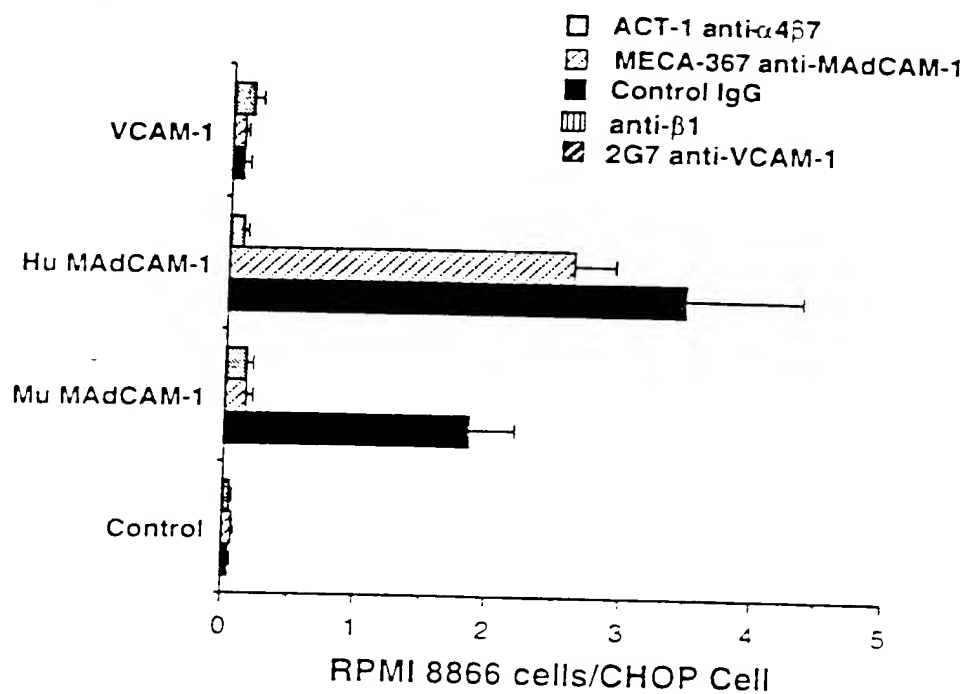
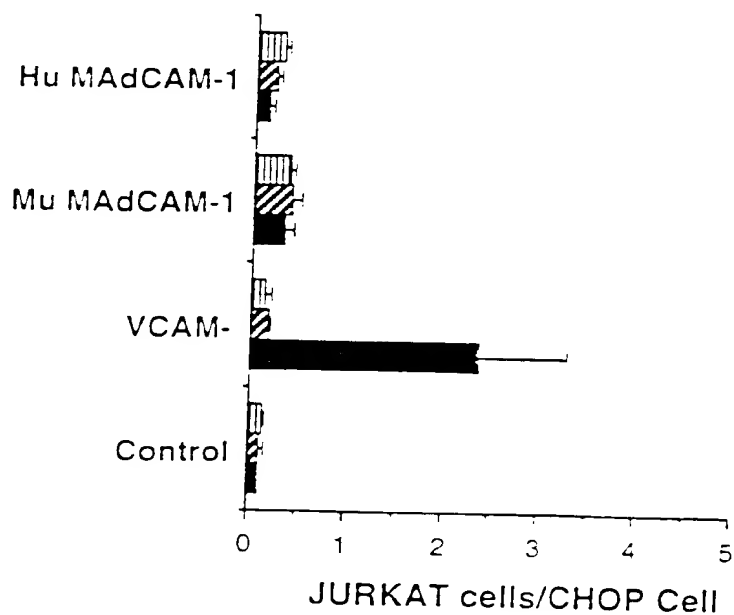


Figure 4b



5/20

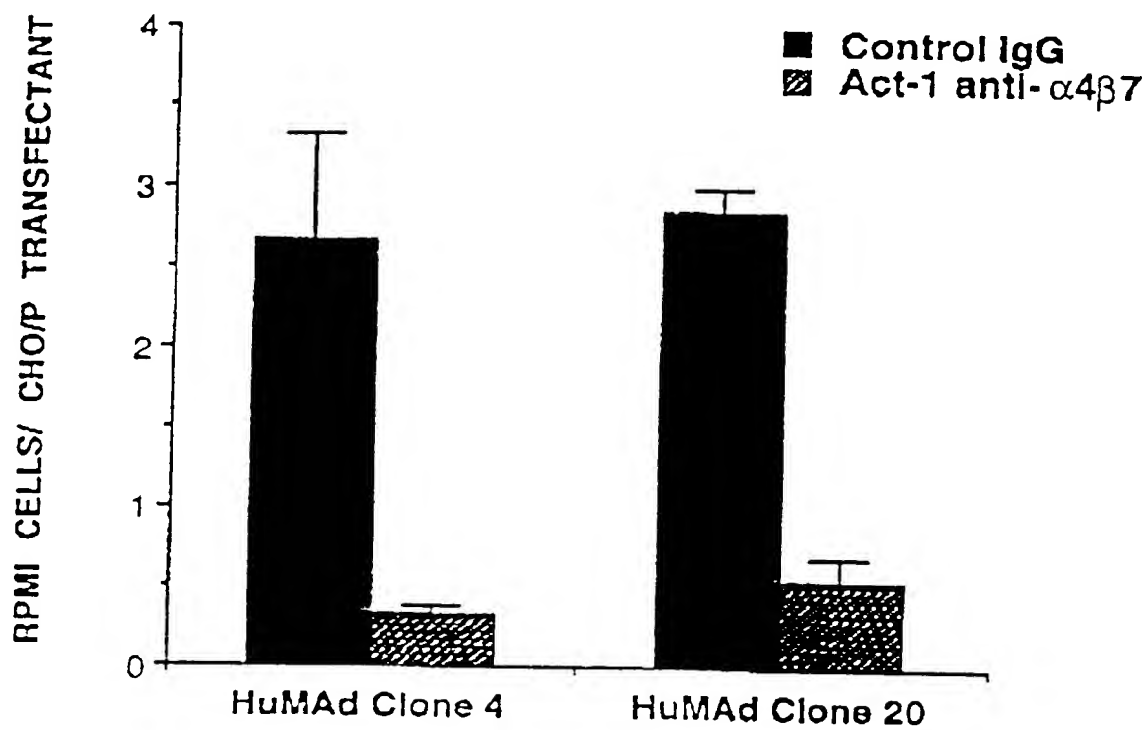


FIGURE 5

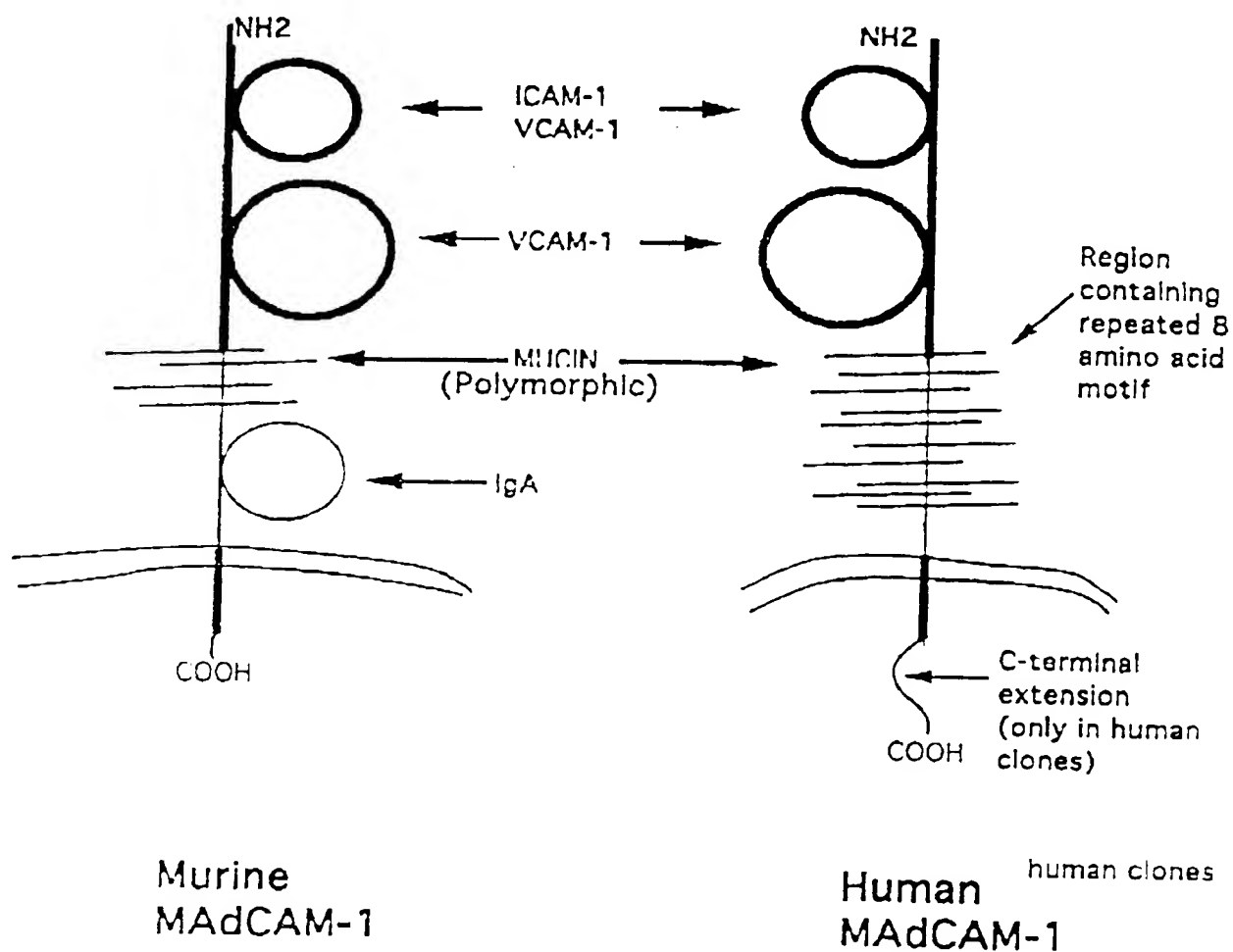
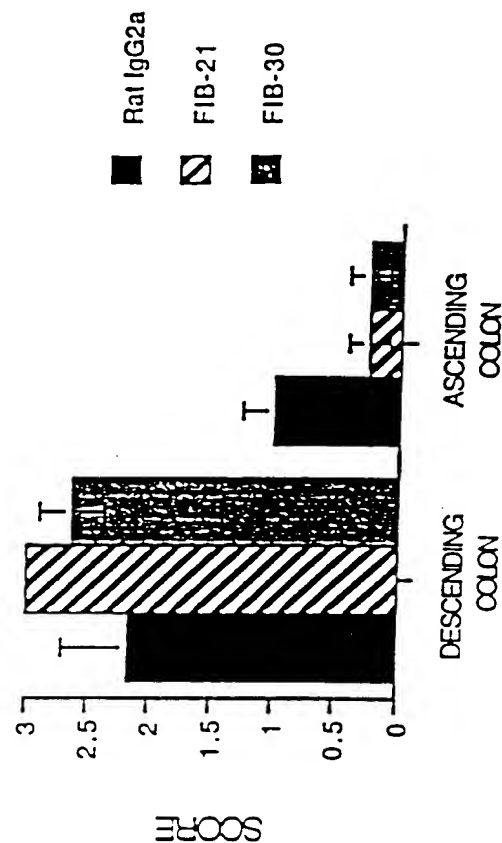


Figure 6

7/20

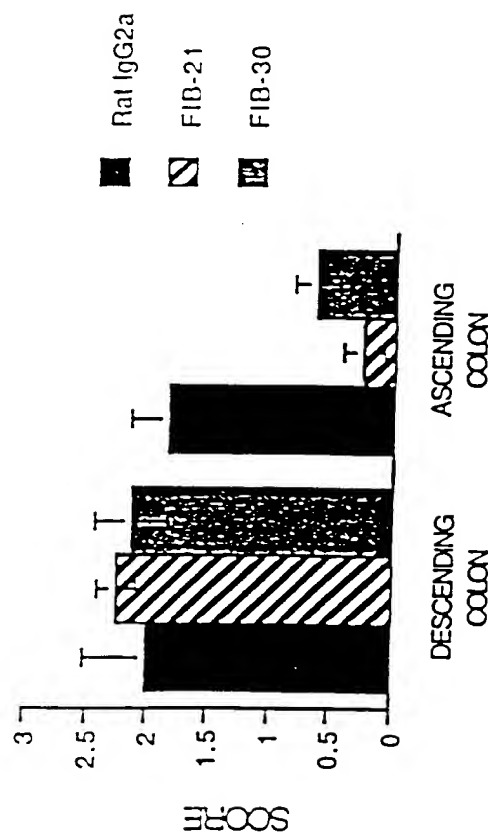
STRUCTURAL DAMAGE



TISSUE

FIGURE 7B

INFLAMMATION

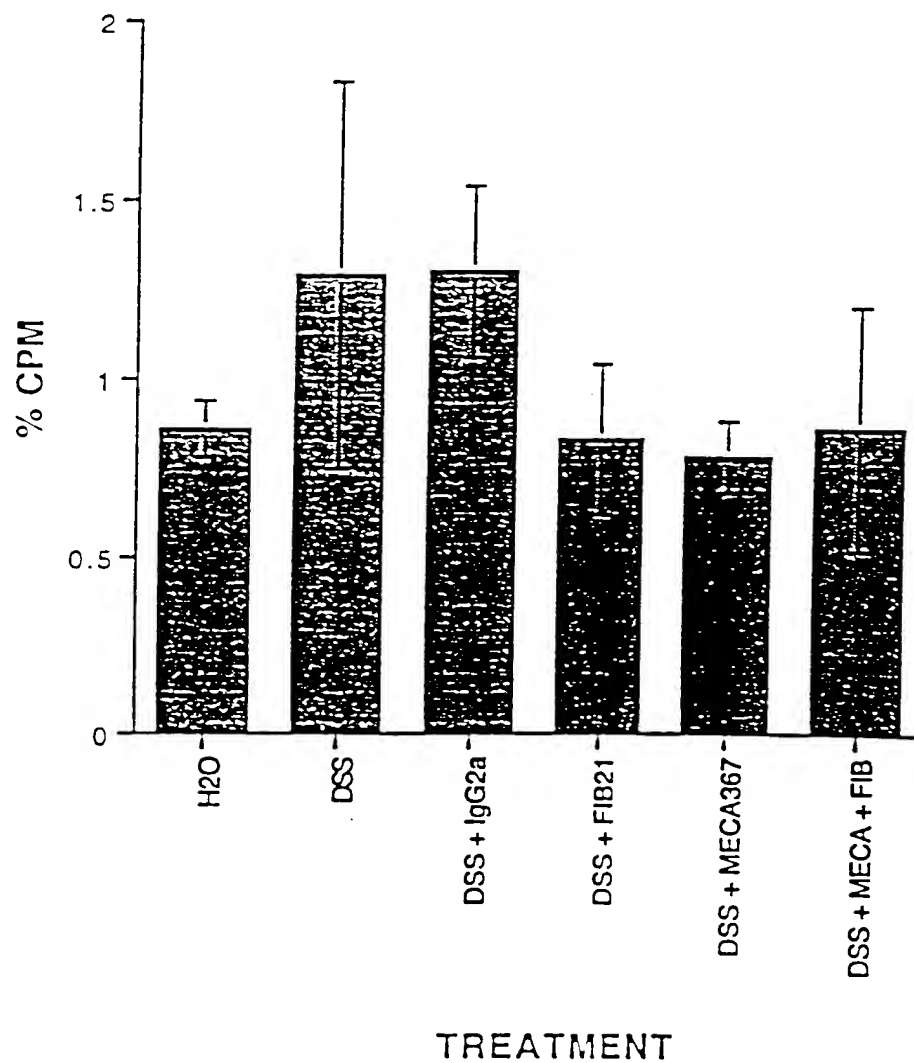


TISSUE

FIGURE 7A

8/20

Figure 8



9/20

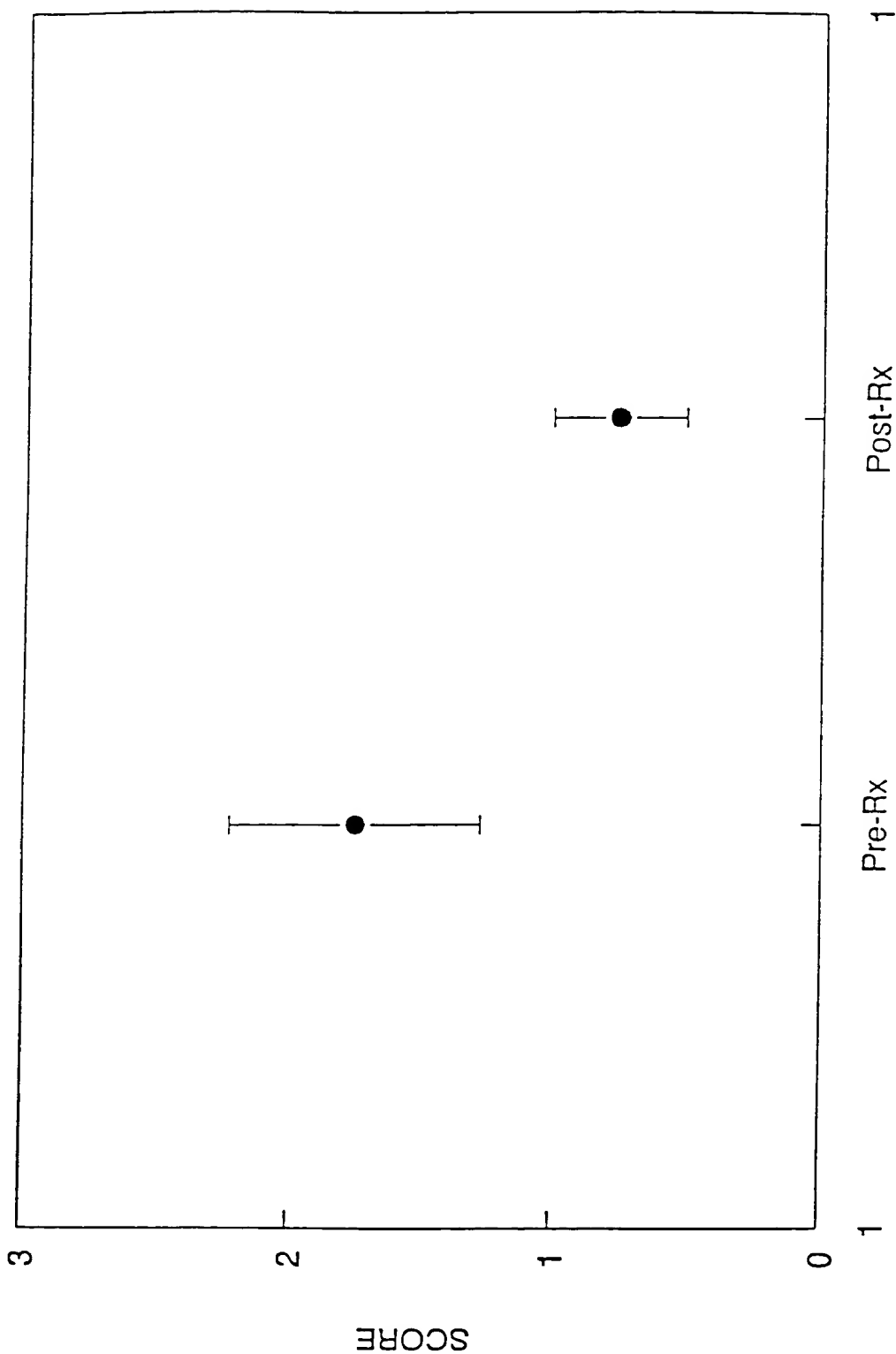


Figure 9

10/20

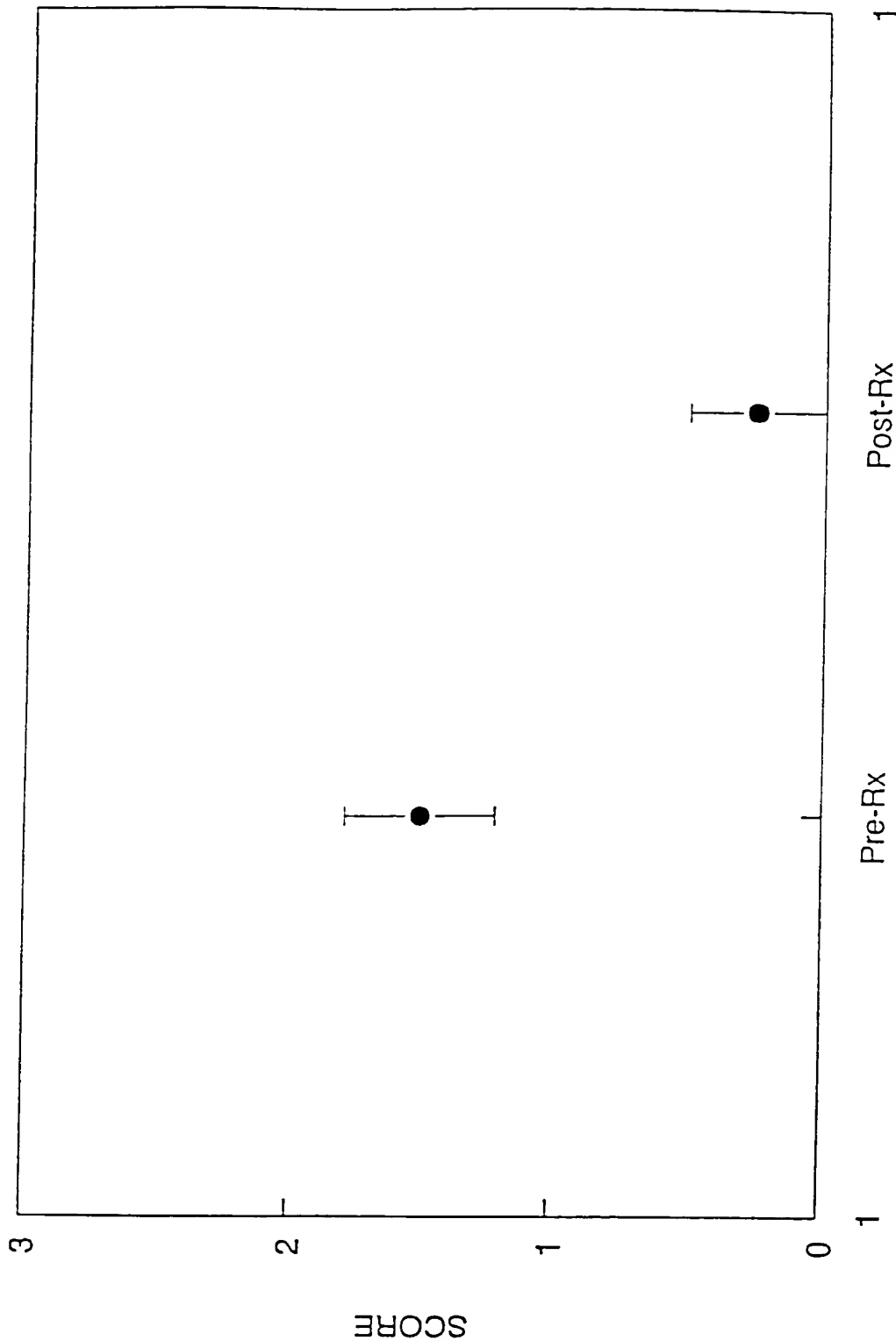


Figure 10

11/20

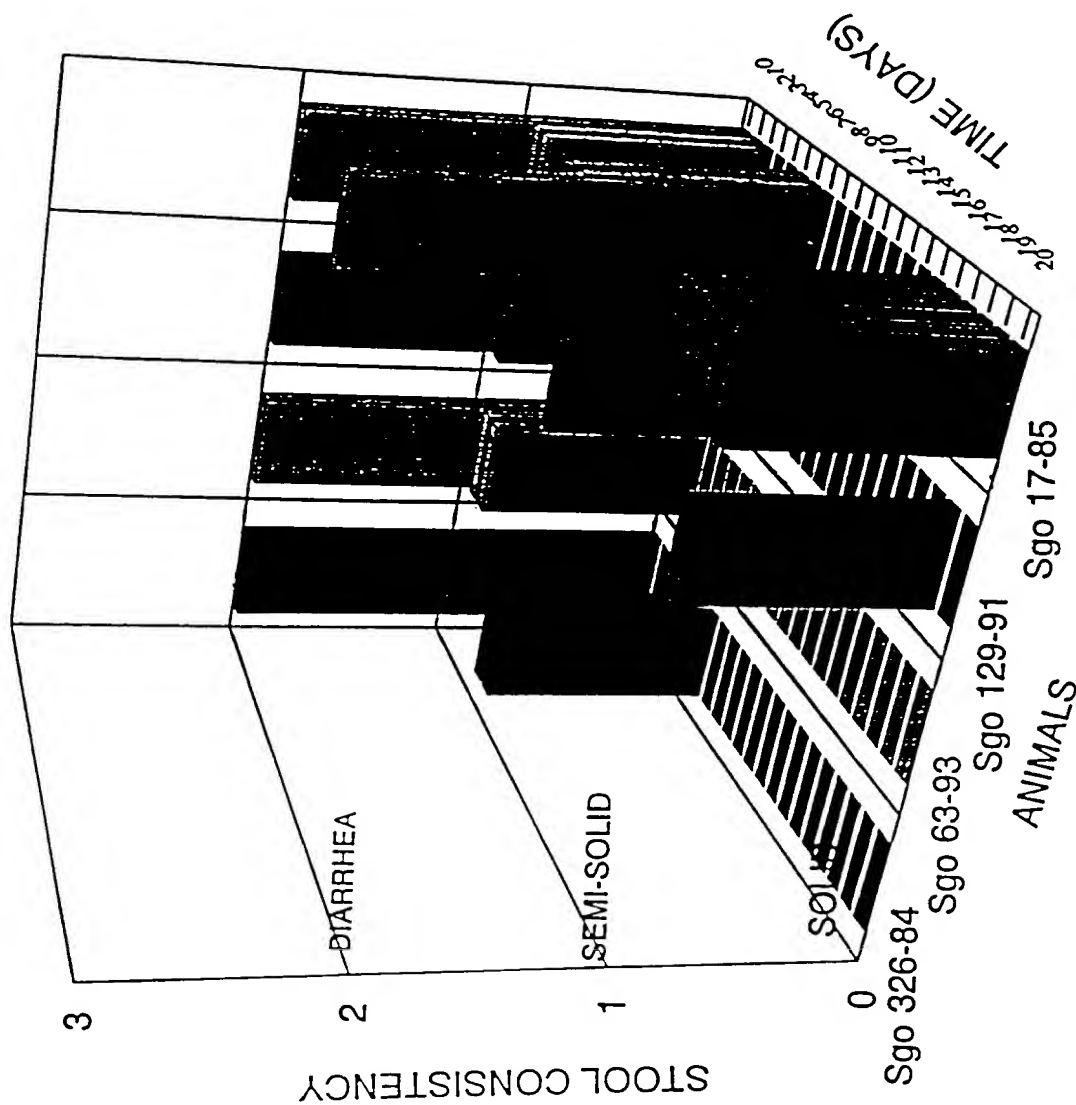


Figure 11

12/20

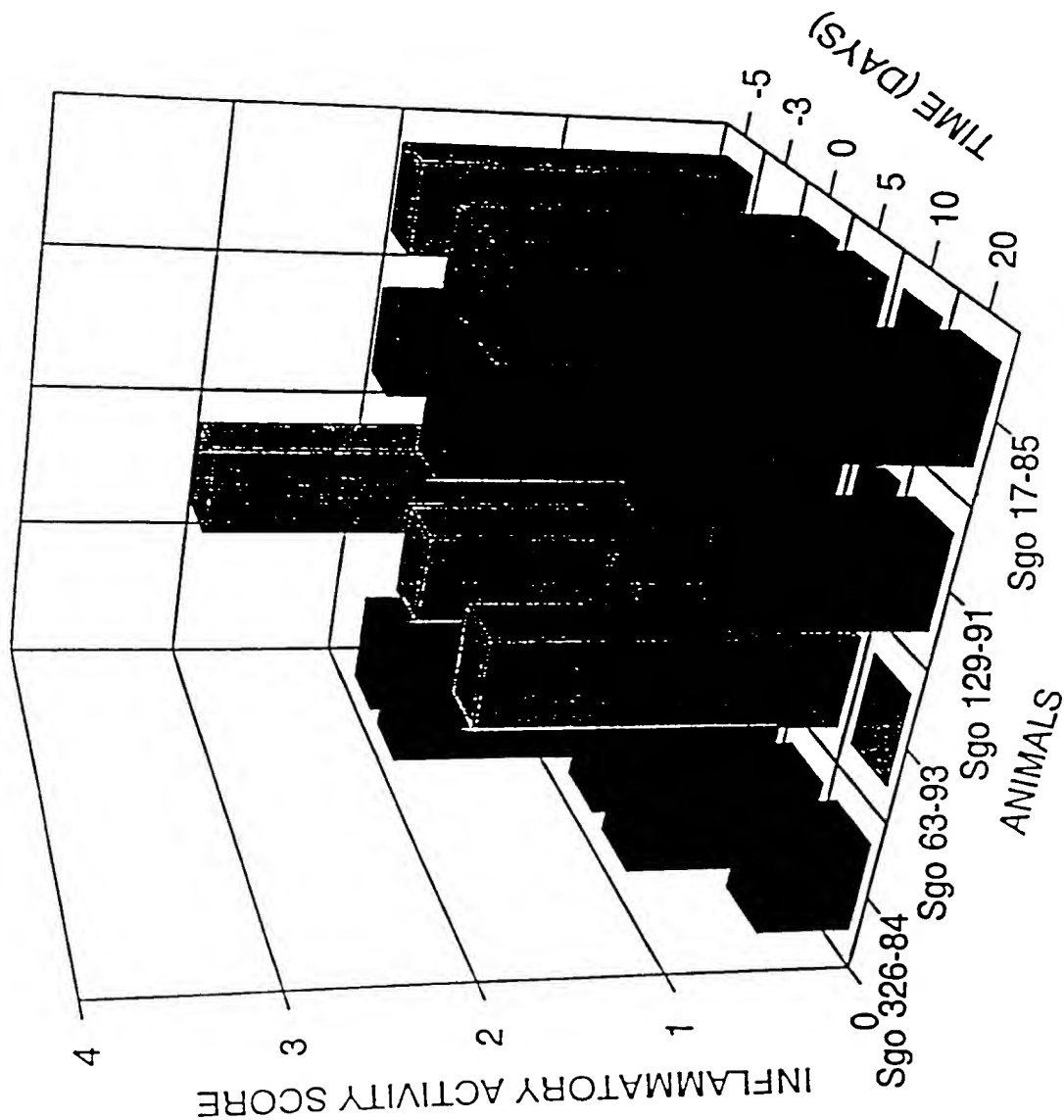


Figure 12

13/20

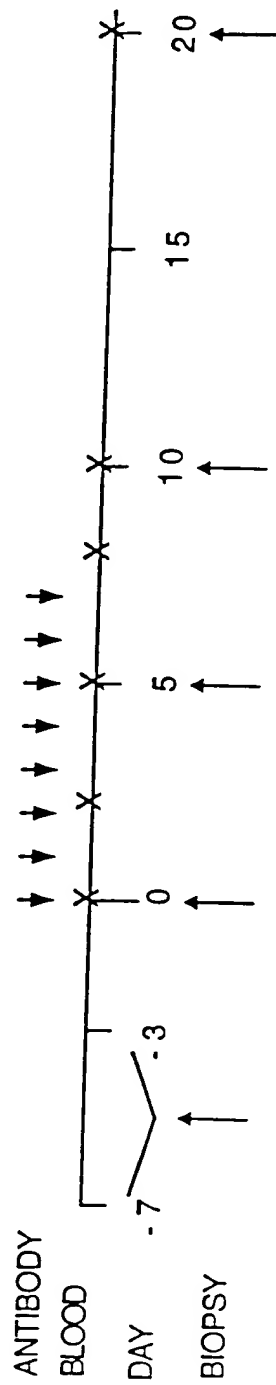


Figure 13

14/20

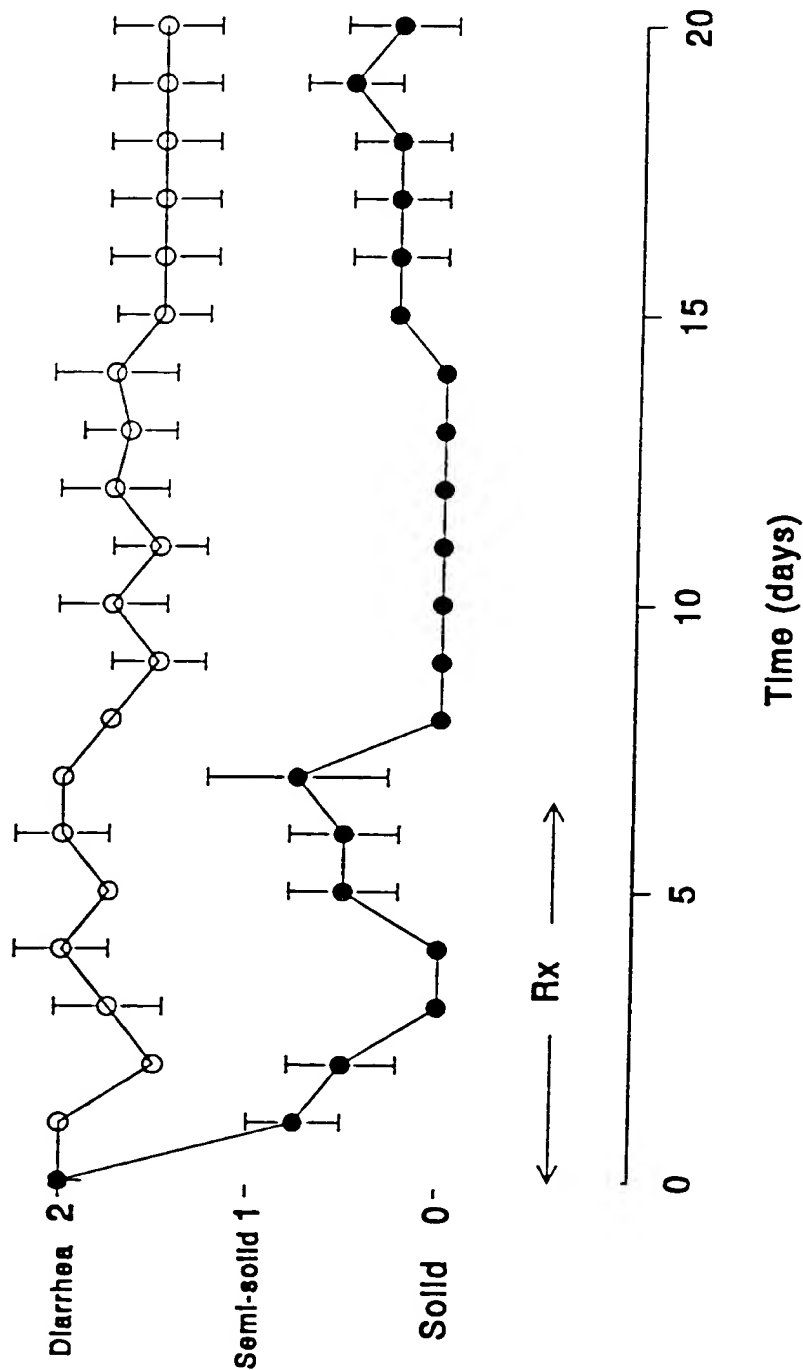
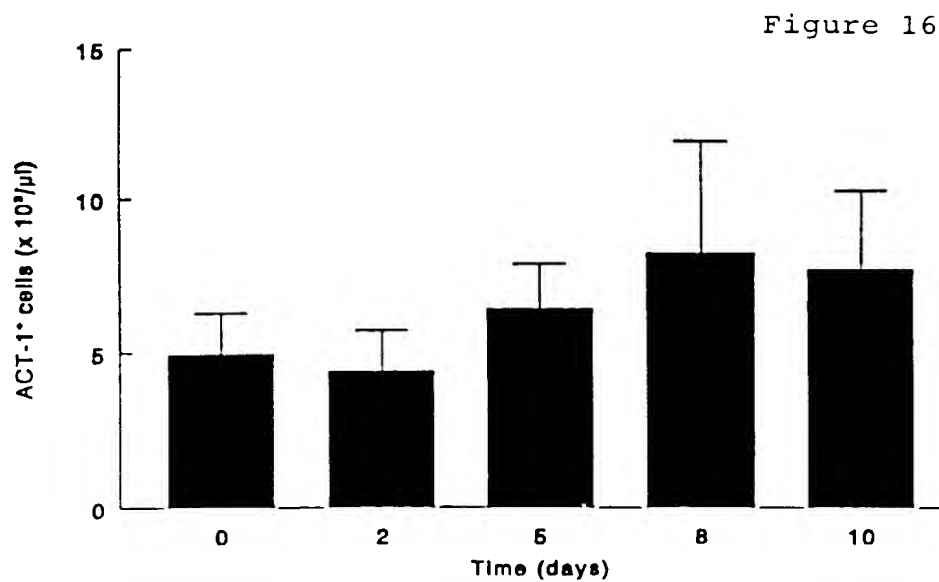
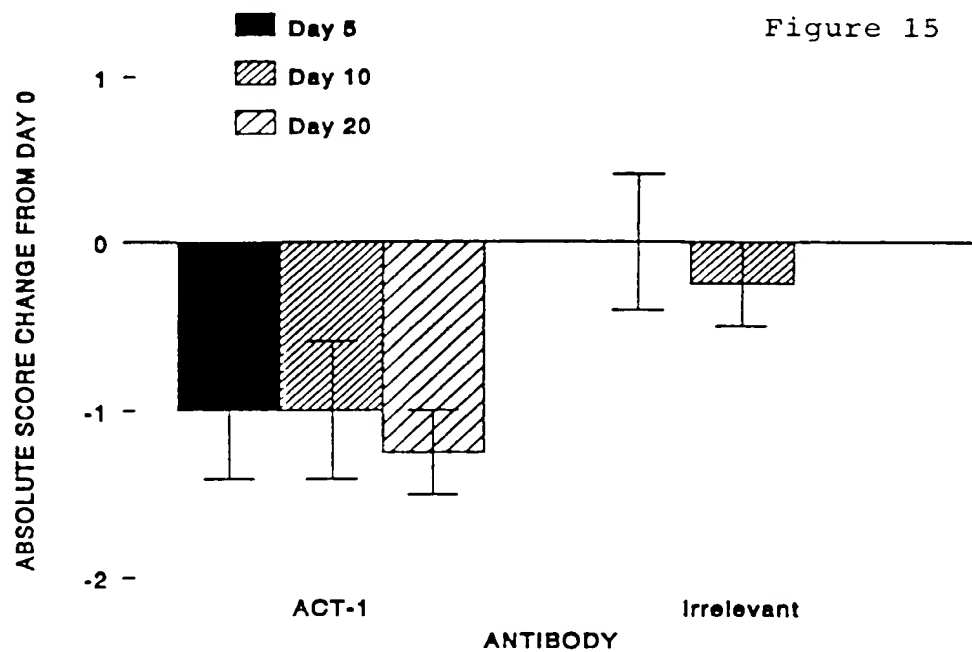


Figure 14

15/20



16/20

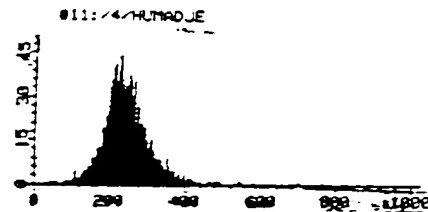


Figure 17A

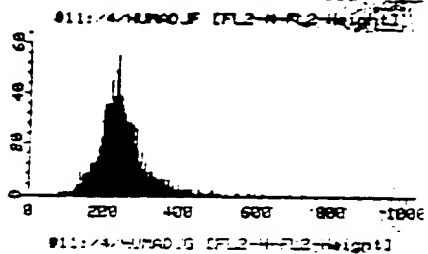


Figure 17B

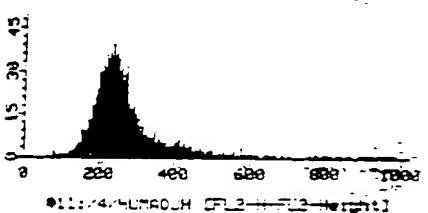


Figure 17C

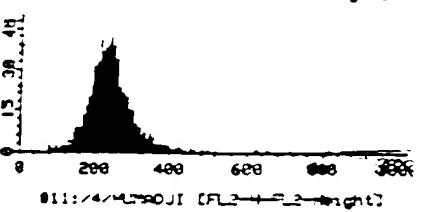


Figure 17D

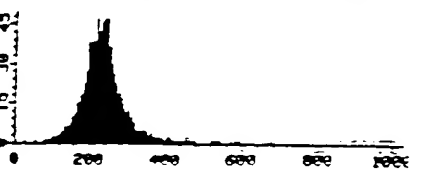
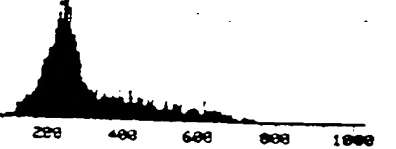
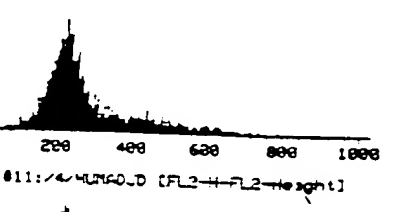
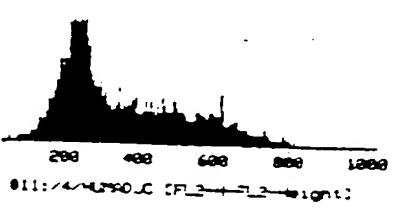
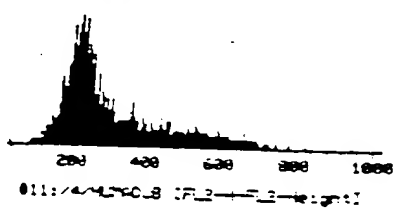
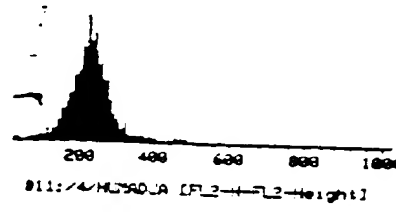


Figure 17E



17/20

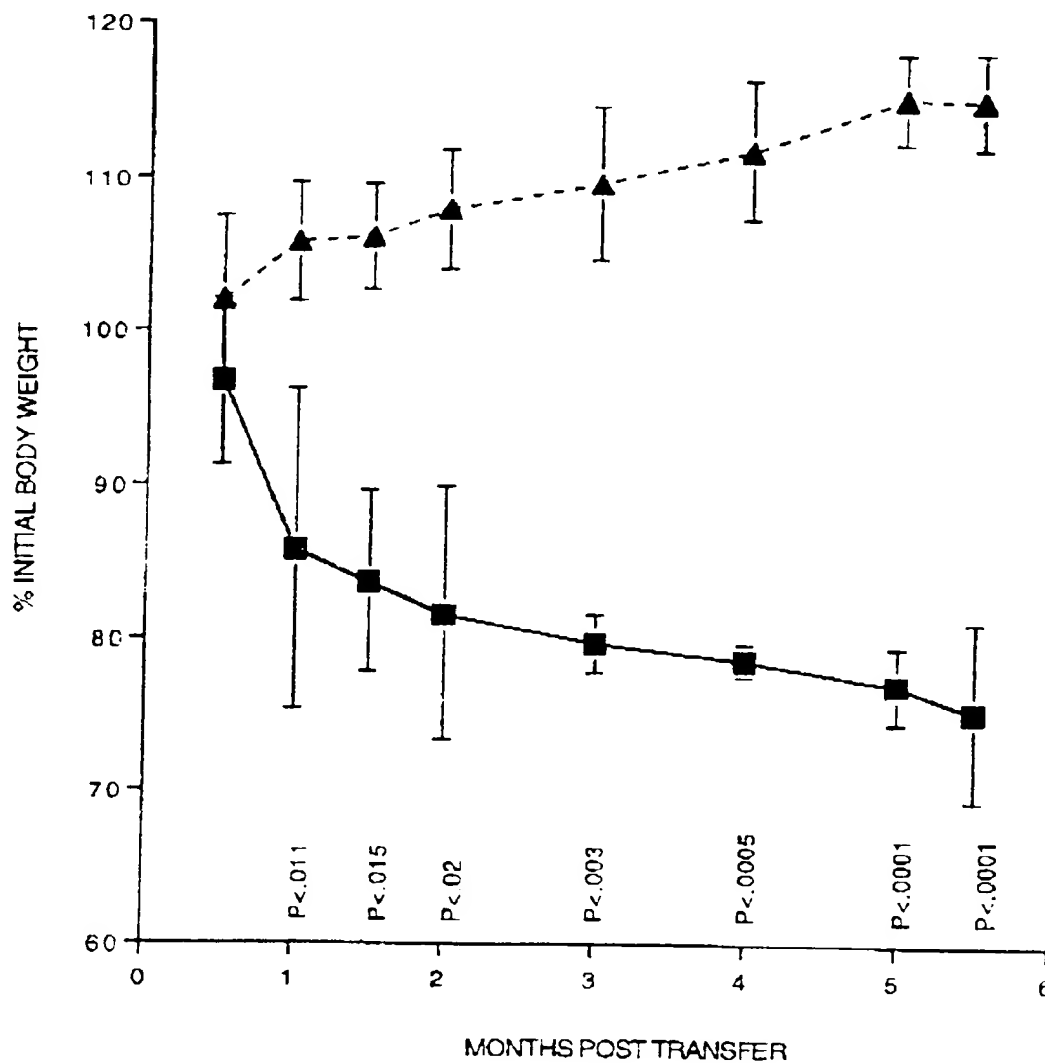


Figure 18

18/20

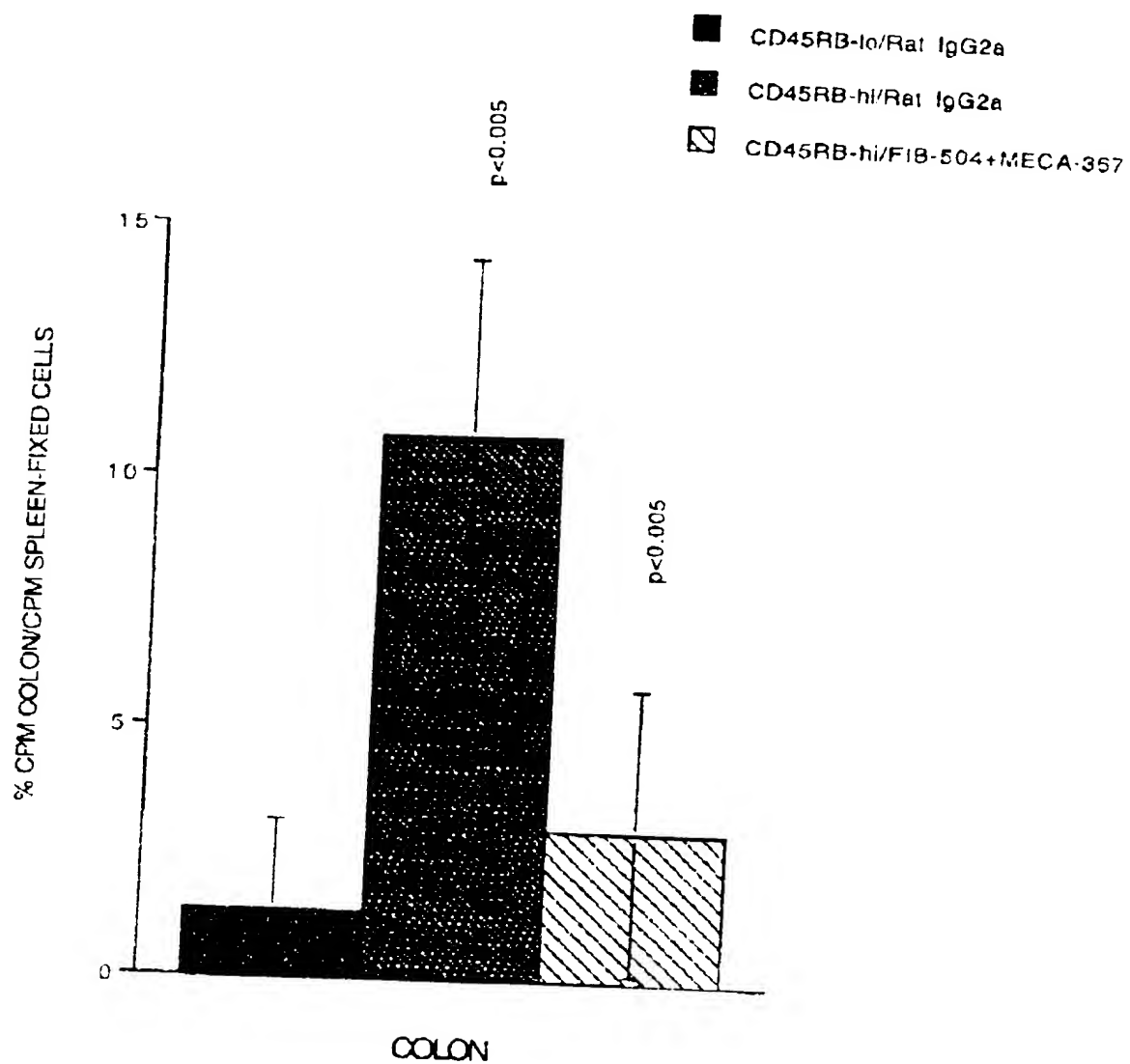
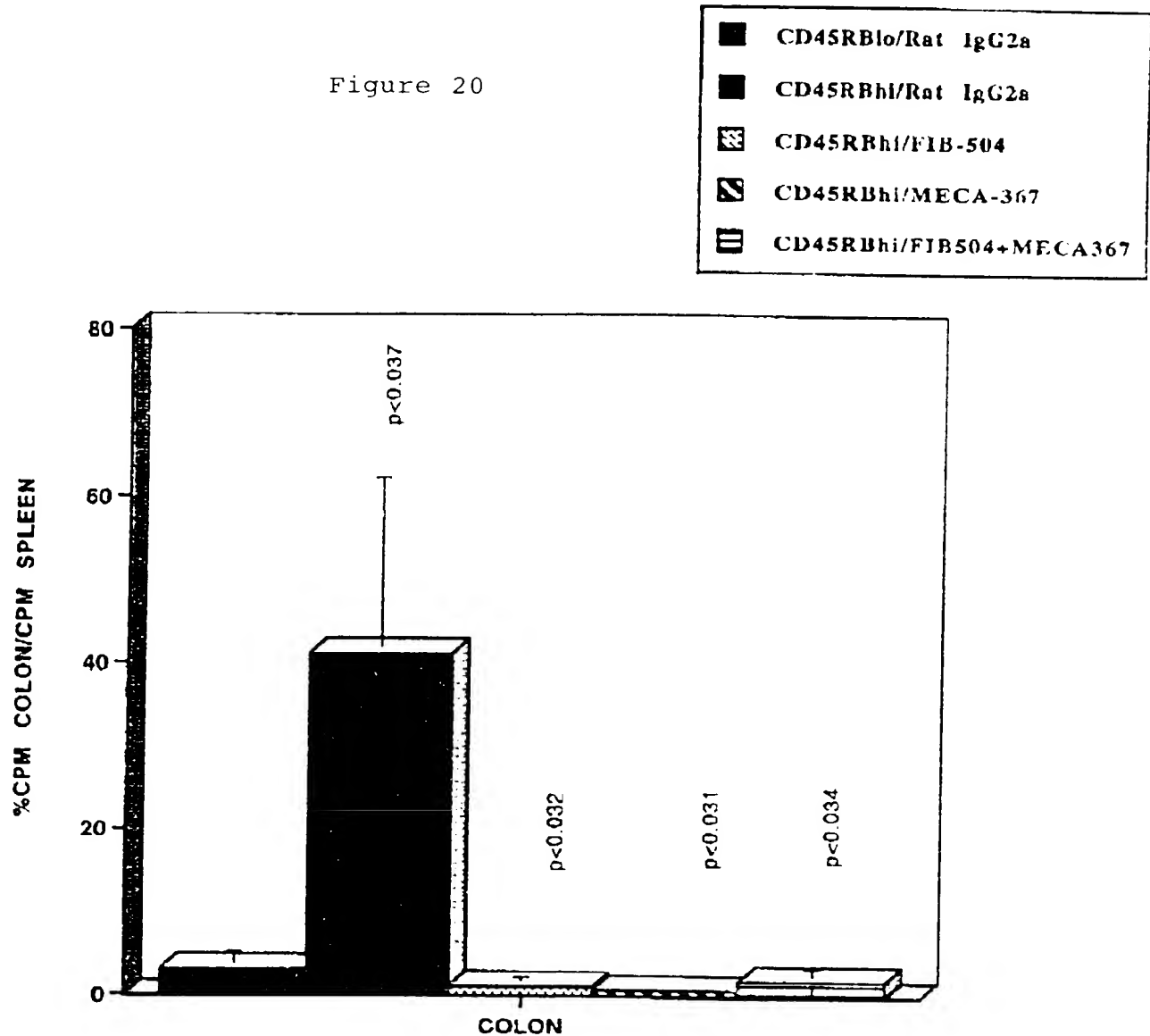


Figure 19

Figure 20



20/20

Figure 21

